ABSTRACT OF THE DISCLOSURE

An image forming device according to the invention produces a continuous gray-scale image by using a dither matrix structured by orderly tiling a plurality of dither patterns. In each dither pattern, a plurality of gray level areas are arranged in the laser scanning sequence, in correspondence with the gray levels. Dither patterns are arranged in the dither matrix such that a gray level area at the end, with respect to a laser beam scanning direction, of at least one row of one dither pattern is adjacent to the next higher gray level area of another dither pattern. By the use of such a dither matrix, the image forming device forms dots continuously in the laser scanning direction, in correspondence with the gray levels.